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**Experiment: 36. Write a Python function to subtract the background of the given input image based on color levels using Open CV**

**Code:**

```
import cv2

import numpy as np

i = cv2.imread("image.jpg")

hsv = cv2.cvtColor(i, cv2.COLOR_BGR2HSV)

l = np.array([0, 0, 0])

u = np.array([180, 255, 80])

m = cv2.inRange(hsv, l, u)

bg = cv2.bitwise_and(i, i, mask=m)

cv2.imshow("Background Extracted", bg)

cv2.waitKey(0)

cv2.destroyAllWindows()
```

**Input and Output:**

